GWINNETT

COUNTY HEALTH DEPARTMENT

Audrey Arona, MD

CEO and Health Director







COVID-19 WHERE WE ARE TO as 02/12/21 at 8 AM



WORLDWIDE

107,897,155 2,370,870 **Confirmed Cases**

Deaths



GEORGIA

955,685 Confirmed and Ag+ Cases 13,672 **Deaths**

52,853

Hospitalizations





27,394,595 **Confirmed Cases**

475,471 **Deaths**



NEWTON

8,815 Confirmed and Ag+ Case

169

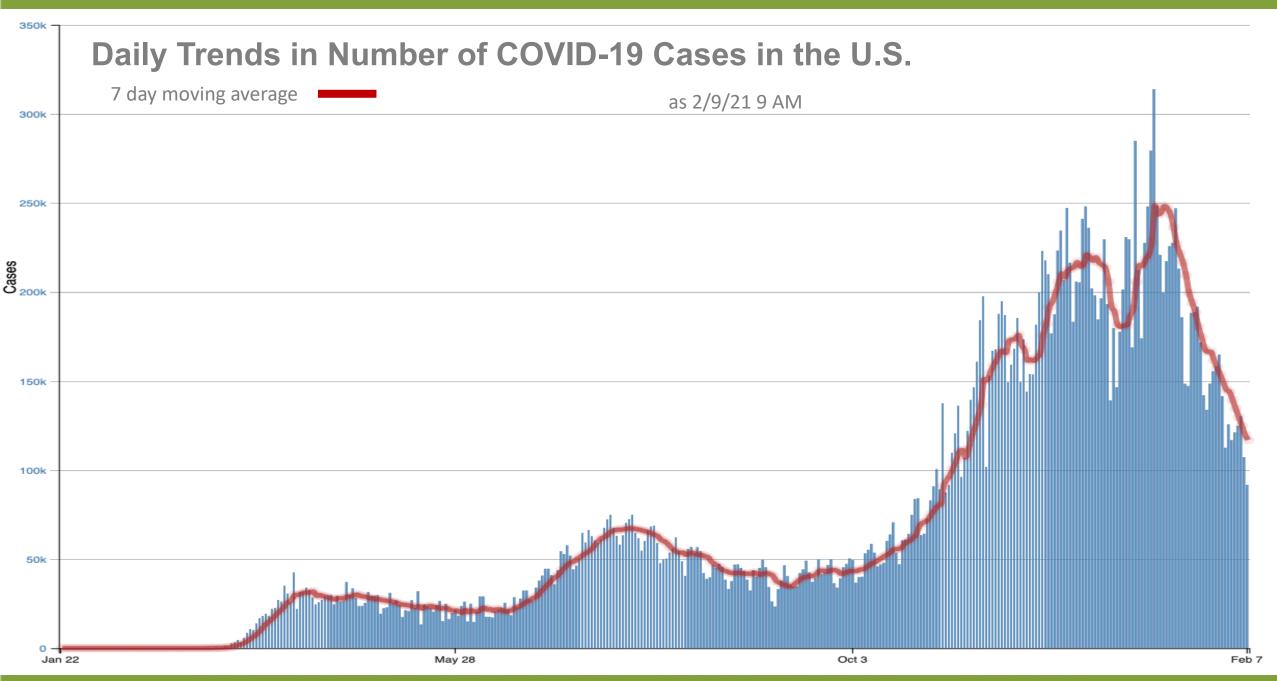
Deaths

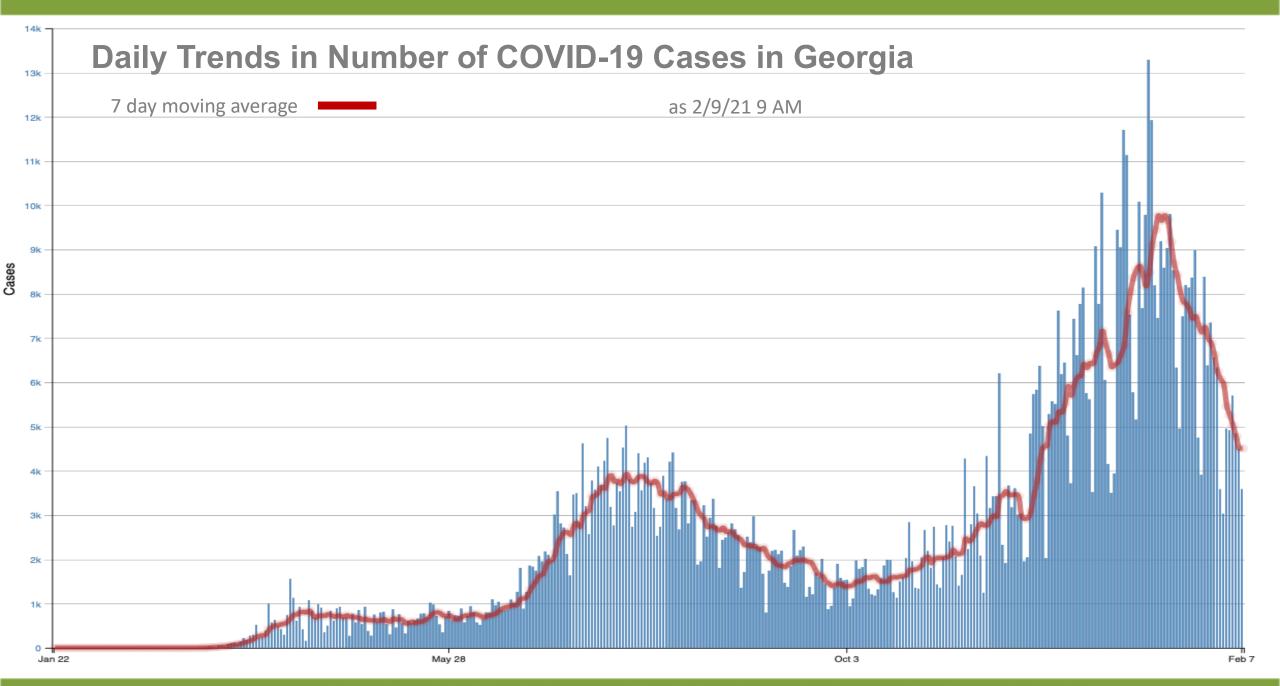
525

Hospitalizations

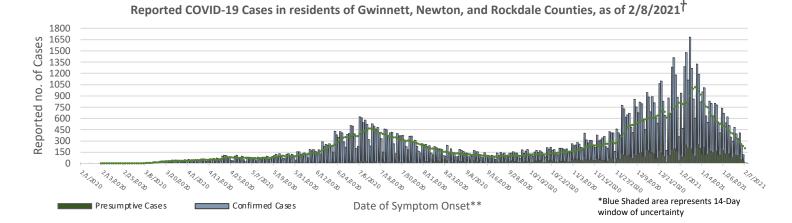
14 Day Case Rate

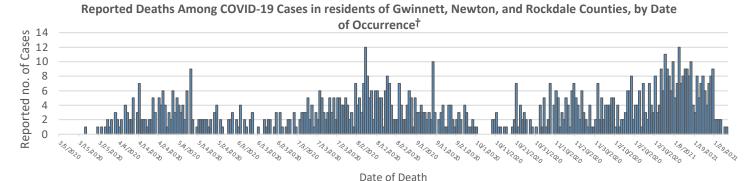
Georgia 768 (947) per 100,000 | 12.4% Positivity (14.4%) Newton 875 (1,001) per 100,000 | 13.9% Positivity (15.6%)

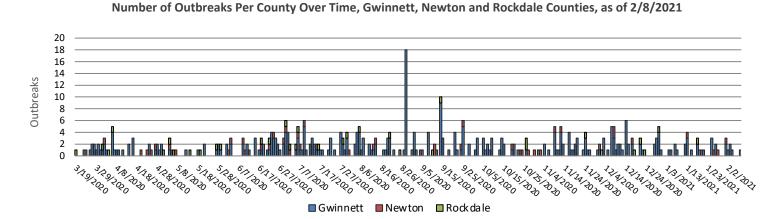




COVID-19 WEEKLY SNAPSHOT as 2/8/2021 9 AM





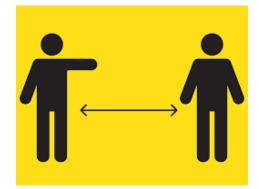


COVID-19 Variants (2/5/21)

- B.1.1.7 United Kingdom, in U.S. 12/2020 611 cases, 33 States
- B.1.351 South Africa, in U.S. 1/2021 5 cases, 2 States
- P.1. Brazil, in U.S. 1/2021 2 cases, 1 State
- More infectious, spread quicker, current vaccine effective

Prevention measures work against all variants of COVID.



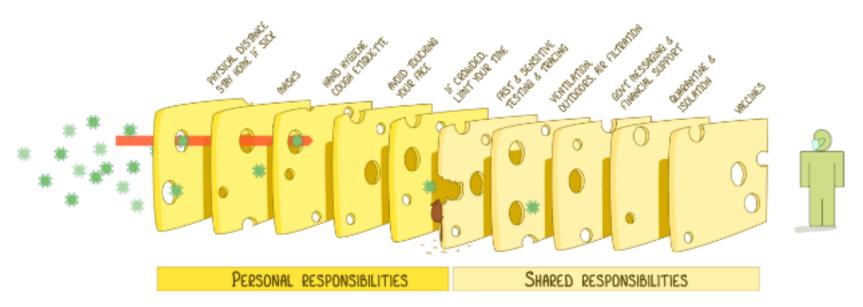






THE SWISS CHEESE RESPIRATORY VIRUS PANDEMIC DEFENCE

RECOGNISING THAT NO SINGLE INTERVENTION IS PERFECT AT PREVENTING SPREAD



EACH INTERVENTION (LAYER) HAS IMPERFECTIONS (HOLES).

(MULTIPLE LAYERS IMPROVE SUCCESS.

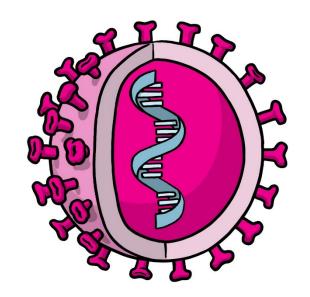
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VIROLOGYDDOAMONDER.COM

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VIROLOGYD CAUSATION, BY SHITES TO SHIP TO SHIP

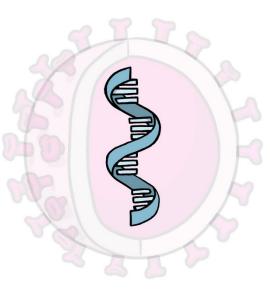
There are three main approaches to making a vaccine:



Using a whole virus or bacterium



Parts that trigger the immune system



Just the genetic material



Kizzmekia S. Corbett, Ph.D.

"A lot of people are banking on us or feel that we have a product that could, at least, be part of the answer this world needs," Corbett said.

Vaccines Currently Available

Pfizer

-70C Freezer/Dry Ice

.3ml

Second dose in 21 Days

95% Efficacy

Side Effects: Fatigue

Headache

Pain

Local

Swelling



Moderna

Regular Freezer

.5ml

Second Dose in 28 Days

94.1% Efficacy

Side Effects: Fatigue

Myalgia

Arthralgia

Headache

Pain

Local

Effects

Other Vaccines on the Horizon

Johnson & Johnson/Janssen

Adenovirus Vector
66% Efficacy/85% Effective for Overall Prevention of Hospitalization and Death
Single Dose
Longer Refrigerated Life

AstraZeneca/OxFord University

Adenovirus Vector – But From Chimpanzee 82.4% Efficacy 2 Doses, 12 Weeks Apart Longer Refrigerated Life

Novavax/Maryland Based Technology Company

Protein Subunit Vaccine Lab-Made Spike Protein 89.3% Efficacy (60% if HIV+) 2 Doses, 21 Days Apart

The Goal of the Vaccine

is to prevent severe disease, hospitalization and death.

We cannot and never will eliminate COVID-19.

COVID-19 will not disappear, but it will be less worrisome once a certain percentage of our population is vaccinated. Then, the virus will no longer affect masses of our population and threaten treatment capacities of hospitals.

Vaccination provides safety from the real risks of COVID-19 – severe disease, hospitalization and death.

No Vaccine is 100% effective.

Even after vaccination, an individual can still get COVID, but it is less likely they will suffer severe disease, hospitalization or death.

Herd Immunity

UPDATED

When Can I Get Vaccinated?

We are here.

Healthcare workers
Residents and staff of
long-term care facilities
Law enforcement,
firefighters, first responders
Adults 65 and older*

Healthcare workers include: Physicians, nurses, EMS personnel, laboratory technicians, environmental services, etc.

*and their caregivers

GEORGIA INTERIM COVID-19 VACCINATION STRATEGY

The Centers for Disease Control and Prevention (CDC) recommends phases, or priority levels, for vaccination. These recommendations are used by the state to formulate its plan for vaccination.

Phase 1a

As more vaccine becomes available, more people will be vaccinated.



Essential Workforce (non-healthcare)

1a

Adults 16-64 with medical conditions that increase risk for severe COVID-19

Essential workforce includes:

individuals who perform job tasks accross critical infrastructure sectors, ensuring continuity of fuctions critical to public health, safety, economic and national security such as educational faculty and staff, court employees, nuclear power plant employees, air traffic controllers, food processing, grocery workers, transportation, healthcare distribution employees, coroners, corrections employees, USPS employees, public transit employees, etc.

Non-clinical hospital, public health, long-term care staff and their household members Critical populations

Other populations for whom vaccine has been recommended

Critical populations
may include:
Homeless shelters, dormitories,
group homes, jails, prisons,
detention centers, etc.

General Population

3

GEORGIA DRAFT VACCINATION PHASES

Phase information is based on GEORGIA Interim COVID-19 Vaccination Plan | Georgia Department of Public Health | 1 JANUARY 2021 | 4

Vaccinations Given So Far

State of Georgia 1,353,978

Average of 45,000–55,000 per day Over 1/3 Given by Public Health ➤ Half to Seniors 65 and Older

GNR Health Department 33,026

17% Second Doses
58% Female, 42% Male
Only 10% Seeking Vaccination Report as African-American

Providers enrolled as vaccinators 2,186

Gwinnett County Mass Vaccination Site

Gwinnett Place Mall

Old Sears Location 2100 Pleasant Hill Rd., Duluth

Next to MegaMart - Entrance faces 1-85

APPOINTMENT REQUIRED www.gnrhealth.com

Side Effects

Severe

Anaphylaxis – Reported 11.1/1,000,000 Administered

Mostly Mild, Sometimes Moderate

Local Pain, Redness, Swelling

Fever

General Malaise

Arthralgia/Myalgia

Headache

Rare - "COVID ARM"

Harmless

Local Hypersensitivity Reaction at Site of Injection

Delayed Onset 5-7 Days After Injection

Self-Limiting

COVID Arm

5-7 days after injection



Inequities Surrounding Vaccination

Vaccine Uptake
Access to Appointments
Information/Education
Mistrust of Government
Minority Leader Voices



COVID-19 Vaccine: What You Should Know

Hosted by: United Way of Greater Atlanta in Gwinnett County Tuesday, February 16, 2021 6:00 - 8:00 p.m.

Join Zoom Meeting uwga-org.zoom.us/j/91335122859







Wayne Ellison **Gwinnett Advisory Board Chair**

January was by far the deadliest month of the pandemic in the US, with more than 95,000 COVID-19 related deaths reported.

We invite you to join us for a live conversation and Q&A with Dr. Audrey Arona, Director, Gwinnett, Newton, and Rockdale County Health Departments and other local leaders and health professionals.Come learn the facts about the COVID-19 vaccines and ask specific questions that are important to you and your community.

- · Have you wondered how the vaccines are being distributed?
- Are you curious about the differences between the available vaccines?
- . Did you hear about a vaccine that only requires one shot; should we just wait for that one?

Special Guests



Dr. Audrey Arona GNR County Health Departments House of Representative



Jasmine Clark Georgia State



Pedro "Pete" Marin Georgia State House of Representative District 96



Santiago Marquez Latin American Association

Questions?